

Ahlam Abuawad
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Date of Preparation

May 13, 2019

ACADEMIC APPOINTMENTS / WORK EXPERIENCE

- 2018 – Present **Columbia University Mailman School of Public Health**, New York, NY
Graduate Researcher
- 2017 **Collegiate Science & Technology Entry Program**, Albany, NY
University at Albany, State University of New York
Academic Adviser
Provided secondary academic counseling to underrepresented and minority students in the Science, Technology, Engineering, and Math (S.T.E.M.) and licensed professional fields, as well as supervised tutors, mentors, and support staff for efficiency in daily tasks.
- 2015 - 2017 **Collegiate Science & Technology Entry Program**, Albany, NY
University at Albany, State University of New York
Graduate Assistant
Developed and executed programs to promote student communication and excellence in their personal and academic lives as well as assisted students with cover letters, resumes, personal statements, and time management skills.
- 2015 - 2016 **University at Albany, School of Public Health**, Rensselaer, NY
Senior Research Assistant
Analyzed data for trends regarding the contaminant and nutrient concentrations of farmed and wild salmon.
- 2014 - 2015 **College of Nanoscale Science and Engineering**, Albany, NY
Research Assistant
Performed enhanced dark field and light field microscopy to identify the biodistribution of nanoparticles in rat models.
- 2013 - 2014 **Pharmaceutical Research Institute**, Rensselaer, NY
Research Assistant
Monitored the influence of anticoagulants on the clotting time and strength of plasma and blood using aPTT and TEG assays, respectively.
- 2012 - 2015 **Collegiate Science & Technology Entry Program**, Albany, NY
University at Albany, State University of New York
Tutor/Mentor
Assisted students with introductory biology, introductory chemistry, organic chemistry, and genetics coursework, and additionally guided students with academic issues as they attempted to acclimate to the collegiate environment
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EDUCATION

- 2017 - 2022 **Columbia University Mailman School of Public Health**, New York, NY
Ph.D. in Environmental Health Sciences, expected May 2022
Advisor: Dr. Ana Navas-Acien
- 2015 - 2017 **University at Albany, School of Public Health**, Albany, NY
MPH - Concentration in Environmental Health Sciences, May 2017
- 2011 - 2015 **University at Albany, State University of New York**, Albany, NY
B.S. in Biology, Summa Cum Laude, May 2015
B.A. in Chemistry, May 2015
Minor: Mathematics
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HONORS AND AWARDS

- 2019 International Society for Environmental Epidemiologists (ISEE) 2019 Travel Awardee
- 2017 - Present Initiative for Maximizing Student Development (IMSD) Fellowship Recipient
- 2017 - Present Allan Rosenfield Scholar
- 2017 Delta Omega Public Health Honor Society, Alpha Gamma Chapter Inductee
- 2017 William Randolph Hearst Fellowship Recipient
- 2017 President's Award for Leadership: Academic Leadership Award
- 2015 23rd Annual CSTEP Conference First Place Oral Presentation in Technology
- 2013 - 2015 Dr. Seth W. Spellman Jr. Academic Achievement Award
- 2012 Be Semi: Afro-Latino Scholarship Recipient (MALIK Fraternity, Inc.)
- 2012 President's Award for Leadership: Great Dane Award
- 2011 - 2015 Dean's List Recipient
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PROFESSIONAL ORGANIZATIONS, SOCIETIES and SERVICE

- 2018 - Present International Society of Environmental Epidemiologists (ISEE) Member
- 2017 - 2018 American Public Health Association (APHA) Member
- 2014 - 2015 Corps Historian, Five Quad VAS
- 2011 - 2015 Collegiate Science & Technology Entry Program (CSTEP) Member
- 2011 - 2015 Five Quad Volunteer Ambulance Service (VAS) Member
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TEACHING EXPERIENCE AND RESPONSIBILITIES

SPECIFIC COURSE

Fall 2018 Frameworks of Environmental Health Policy (18 enrolled students)

GENERAL TEACHING ACTIVITIES

Fall 2018 Student Mentor, Brotherhood/Sister Sol

Summer 2018 Workshop Guide, Columbia Summer Research Institute (“Environmental Mixtures”)

PUBLICATIONS

Abalu O, **Abuawad A**, González-Dávila M, Kingsbury D, Puac-Polanco V, Santaella J, Segura L. AJPH Global News. Am J Public Health. <https://ajph.aphapublications.org/>. December 2018 – Present.

Muralidharan-Chari, V., Kim, J., **Abuawad, A.**, Naeem, M., Cui, H., & Mousa, S. A. (2016). “Thymoquinone modulates blood coagulation in vitro via its effects on inflammatory and coagulation pathways.” Int. J. Mol. Sci. 17(4): 474.

PRESENTATIONS

- “Body Mass Index is Associated with Arsenic Metabolism in three Studies in Bangladesh.” Columbia University Mailman School of Public Health Department of Environmental Health Sciences, New York. (04/2019)
- “Body Mass Index is Associated with Arsenic Metabolites in three Studies in Bangladesh.” Northeast Regional Superfund Research Program (SRP) Meeting, Massachusetts. (4/2019)
- “Body Mass Index is Associated with Arsenic Metabolites (in Urine and Blood) in the Bangladesh FACT Study.” Superfund Research Program (SRP) Annual Meeting, California. (11/2018)
- “The Association of Urine and Blood Arsenic Metabolites with Body Mass Index in the Bangladesh FACT Study.” International Society of Environmental Epidemiologists (ISEE) Annual Meeting, Ottawa. (08/2018)
- “The Association of Body Mass Index with Arsenic Metabolites (in Urine and Blood) in the Bangladesh FACT Study.” Student Research Diversity Day, New York. (04/2018)
- “The Association of Body Mass Index with Arsenic Metabolites (in Urine and Blood) in the Bangladesh FACT Study.” Columbia University Mailman School of Public Health Department of Environmental Health Sciences, New York. (04/2018)
- “Do farmed salmon have a more beneficial balance of nutrients and contaminants than wild salmon?” Annual University at Albany School of Public Health Student Poster Day, New York. (05/2017)
- “NanoHealth & Safety Center: Investigation of nanoparticle biodistribution following inhalation exposure.” Annual Collegiate Science & Technology Entry Program (CSTEP) Statewide Student Conference, New York. (04/2015)

- “NanoHealth & Safety Center: Investigation of nanoparticle biodistribution following inhalation exposure.” Annual University at Buffalo Undergraduate Research Conference, New York. (07/2014)
- “Anticoagulant properties of Thymoquinone extracted from Black Cumin Seeds.” Annual Biology Undergraduate Research Symposium, New York. (04/2014)
- “Anticoagulant properties of Thymoquinone extracted from Black Seed.” Annual Collegiate Science & Technology Entry Program (CSTEP) Statewide Student Conference, New York. (04/2014)
- “Anticoagulant properties of Thymoquinone extracted from Black Seed.” Annual Albany College of Pharmacy and Health Sciences (ACPHS) Research Forum, New York. (01/2014)
- “Comparative anticoagulant efficacy and safety among different approved and emerging anticoagulant therapies.” Annual University at Buffalo Undergraduate Research Conference, New York. (07/2013)

VOLUNTEER EXPERIENCE

2018 - Present **American Journal of Public Health Global News**, New York, NY
Author

2018 - Present **Brotherhood/Sister Sol**, New York, NY
Mentor

2011 - 2015 **Five Quad Volunteer Ambulance Service**, Albany, NY
Driver/Emergency Responder/CPR Instructor/Corps Historian
Performed first aid procedures such as splinting, recording vital signs, back boarding, stair chair, Reeves, etc.

SKILLS

Computer: Proficient in Microsoft Office Suite, SAS, R, and STATA

Language: Knowledge of basic Arabic and Spanish

Medical: CPR and AED instructor; First Aid, and EMT certifications
